

Contents of Volume 187, 1978

No. 1 issued on February 14, 1978

W. Gnatzy: Development of the Filiform Hairs on the Cerci of <i>Gryllus bimaculatus</i> Deg. (Saltatoria, Gryllidae)	1
M. Olivier-Bousquet: Early Effects of Prolactin on Lactating Rabbit Mammary Gland. Ultrastructural Changes and Stimulation of Casein Secretion	25
A. Sato: Quantitative Electron Microscopic Studies on the Kinetics of Secretory Granules in G-Cells	45
W. F. Jansen, J. B. van Dort: Further Investigations on the Structure and Function of the Saccus vasculosus of the Rainbow Trout, <i>Salmo gairdneri</i> Richardson. Ultrastructural Cytochemistry of Membrane-Bound Alkaline Phosphatase	61
M. B. Ray, V. J. Desmet: Immunohistochemical Demonstration of Alpha-1-Antitrypsin in the Islet Cells of Human Pancreas	69
J. E. Bodammer: Cytological Observations on the Blood and Hemopoietic Tissue in the Crab, <i>Callinectes sapidus</i> . I. The Fine Structure of Hemocytes from Intermolt Animals	79
D. Drenckhahn, K. Unsicker, G.-H. Griesser, U. Schumacher, U. Gröschel-Stewart: Different Myosins in Myoid and Entodermal Reticular Epithelial Cells of the Thymus. An Immunocytochemical Study Using Specific Antibodies against Striated and Smooth Muscle Myosin	97
M. Miyoshi: Scanning Electron Microscopy of the Renal Corpuscle of the Mesonephros in the Lamprey, <i>Entosphenus japonicus</i> Martens	105
K. R. Brizzee, M. C. Palazzo, P. M. Klara, H. Hofer: Effects of Systemic Administration of 6-Hydroxydopamine on the Circumventricular Organs in Nonhuman Primates. I. Area postrema	115
T. Fujioaka, O. Kai, M. Yasuda: Unusual Mitochondrial Ultrastructure in the Pig Adrenal Cortex	129
B. Kerebel, M.-T. Le Cabellec, G. Daculsi, L.-M. Kerebel: Osteodentine and Vascular Osteodentine of <i>Anarhichas lupus</i> (L.)	135
H. D. Hall, C. A. Schneyer: Neural Regulation of Compensatory Enlargement of the Parotid Gland of the Rat	147
P. J. R. Bevis, M. C. Thorndyke: Endocrine Cells in the Oesophagus of the Ascidian <i>Styela clava</i> , a Cytochemical and Immunofluorescence Study	153
M. C. Thorndyke, P. J. R. Bevis: Endocrine Cells in the Gut of the Ascidian <i>Styela clava</i>	159
I. Stewart, S. Peel: The Differentiation of the Decidua and the Distribution of Metrial Gland Cells in the Pregnant Mouse Uterus	167

No. 2 issued on February 24, 1978

H. W. J. Strobant, F. M. H. Debets: The Ultrastructure and Renewal of the Intestinal Epithelium of the Juvenile Grasscarp, <i>Ctenopharyngodon idella</i> (Val.)	181
M. P. Dubols, J. L. Dacheux: Relaxin, a Male Hormone? Immunocytological Localization of a Related Antigen in the Boar Testis	201
B. van Deurs, M. Møller, O. Amtorp: Uptake of Horseradish Peroxidase from CSF into the Choroid Plexus of the Rat, with Special Reference to Transepithelial Transport	215

J. T. Nielsen, M. Møller: Innervation of the Pineal Gland in the Mongolian Gerbil (<i>Meriones unguiculatus</i>). A Fluorescence Microscopical Study	235
G. Linck, A. Porte: B-Cells of the Synovial Membrane. I. A Comparative Ultrastructural Study in Some Mammals	251
F. Kirschbaum, F. Meunier, S. Tsuji: "Naked" Spinal Cord on a Non-Segmented Baton-like Bony Structure in the Tail of the Electric Fish <i>Eigenmannia virescens</i> (Gymnotoidei)	263
W. Heilmér: Discocilia — A New Type of Kinocilia in the Larvae of <i>Lanice conchilega</i> (Polychaeta, Terebellomorpha)	271
P. R. L. Mosse: The Distribution of Capillaries in the Somatic Musculature of Two Vertebrate Types with Particular Reference to Teleost Fish	281
J. Kracht, E. G. Weber: Morphological Changes in the Ultrastructure of the Thyroid Epithelium of <i>Notophthalmus viridescens</i> after Hypophysectomy and TSH- and Prolactin Stimulation	305
C. Rémy, M. P. Dubois: Immunofluorescence of Somatostatin-Producing Sites in the Hypothalamus of the Tadpole, <i>Alytes obstetricans</i> Laur.	315
A. F. Hayward: Ultrastructural Changes in Contents of Membrane-Coating Granules after Extrusion from Epithelial Cells of Hamster Cheek Pouch	323
J. Arnaud, M. Brunet, J. Mazza: Studies on the Midgut of <i>Centropages typicus</i> (Copepod, Calanoid). I. Structural and Ultrastructural Data	333
M. D. C. Scales, P. F. Credland: The Ultrastructure of the Non-Neurosecretory Components in the Brain of the Midge, <i>Chironomus riparius</i> Mg. (Diptera: Nematocera)	355

No 3 issued on March 13, 1978

L. Enerbäck, L. Mellblom: Growth Related Changes in the Content of Heparin and 5-Hydroxytryptamine of Mast Cells	367
R. A. Satterlie, J. F. Case: Neurobiology of the Gorgonian Coelenterates, <i>Muricea californica</i> and <i>Lophogorgia chilensis</i> . II. Morphology	379
W. Humbert: Cytochemistry and X-Ray Microprobe Analysis of the Midgut of <i>Tomocerus minor</i> Lubbock (Insecta, Collembola with Special Reference to the Physiological Significance of the Mineral Concretions	397
P. Duelli: An Insect Retina without Microvilli in the Male Scale Insect, <i>Eriococcus</i> sp. (Eriococcidae, Homoptera)	417
Y. Kameda, A. Ikeda: Immunohistochemical Study of a Large Molecular Fragment of Thyroglobulin in Parafollicular Cells	429
St. Peter: The Junctional Connections between the Cells of the Urinary Bladder in the Rat	439
C. Turpen, J. R. Sladek, Jr.: Localization of Glyoxylic Acid-Induced Histofluorescence in Surgically Isolated Medial Basal Hypothalamus of the Rat	449
J. D. O'Shea, D. G. Cran, M. F. Hay, R. M. Moor: Ultrastructure of the Theca interna of Ovarian Follicles in Sheep	457
G. M. Wright, M. F. Filosa, J. H. Youson: Light and Electron Microscopic Immunocytochemical Localization of Thyroglobulin in the Thyroid Gland of the Anadromous Sea Lamprey, <i>Petromyzon marinus</i> L., during Its Upstream Migration	473

	A. Dorn: Ultrastructure of Differentiating Hemocytes in the Embryo of <i>Oncopeltus fasciatus</i> Dallas (Insecta, Heteroptera)	479
	H. Dürnberger, K. Pohlhammer, G. Weinbörmair: The Paramedial Neurosecretory Cells of the Suboesophageal Ganglion of the Cricket, <i>Teleogryllus commodus</i> (Walk.). I. Effect of Ovariectomy on Stainability and Incorporation of Cysteine	489
	H. Dürnberger, K. Pohlhammer: The Paramedial Neurosecretory Cells of the Suboesophageal Ganglion in the Cricket, <i>Teleogryllus commodus</i> (Walk.). II. Electron Microscopic Studies in Normal and Ovariectomized Females	495
	I. Blazsek, J. Mala: Steroid Transport through the Surface of the Prothoracic Gland Cells in <i>Galleria mellonella</i> L.	507
	J. L. S. Cobb: An Ultrastructural Study of the Dermal Papulae of the Starfish, <i>Asterias rubens</i> , with Special Reference to Innervation of the Muscles	515
	F. Bowser-Riley: The Salivary Glands of the Cockroach <i>Nauphoeta cinerea</i> (Olivier). A Study of Its Innervation by Light and Scanning Electron Microscopy	525
	I. Raška, J. Komrska, M. Tilibach, M. Rieder: Fine Structure of Crystalline Inclusions in B-Cells of the Islets of Langerhans in the Alligator	535
	Short Communication	
	G. R. Campbell, J. H. Chamley, G. Burnstock: Lack of Effect of Receptor Blockers on the Formation of Long-Lasting Associations between Sympathetic Nerves and Cardiac Muscle Cells in vitro	551
	Indexed in Current Contents	